



ENVIRONMENTAL CONSULTANTS

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**Crawford Station MGP Site
Chicago, Illinois**

Weekly Field Progress Report

Report Date: July 30, 2012

Prepared By: Natural Resource Technology, Inc.
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Submitted To: Integrys Business Support, LLC
Naren M. Prasad, PE

Activity Period: July 15, 2012 through July 21, 2012

The following summarizes the environmental field activities performed by NRT on behalf of IBS at the former Crawford Station MGP site Time Critical Removal Action (AOC V-W-11-C-981):

Tasks	Environmental Activities
General Description of Work Performed	<p>The following activities were conducted:</p> <ul style="list-style-type: none">• Tecnica continued to backfill and compact Area K, AA, the PRA south of Area R and any additional areas that were required to be brought up in elevation.• Tecnica continued to excavate and load out material from Area L.• Tecnica completed the additional excavation north of Area A.• Thatcher was on site from Monday (7/16) through Thursday (7/19) to cut the permanent sheet pile to approximately 4 inches below final design grade.• Rusmar foam was utilized daily to mitigate odors, and woodchips were utilized as needed for additional odor control throughout the week.• Excavated soils were loaded and transported to Waste Management's Laraway Road RDF landfill for disposal. A total of 10,274 tons of material was disposed of at the landfill bringing the overall project total to 221,067 tons.• Utilized GPS to locate pertinent items and features.• NRT conducted air monitoring activities for PM₁₀ through the use of DustTraks, 12-hour time-weighted samples for BTEX and Naphthalene through the use of SUMMAs, and real time VOC concentrations using PIDs. Additionally, no odor/dust issues were noted at the perimeter of the site.

Tasks	Environmental Activities
Sampling Activities Performed:	<p>NRT conducted the following sampling activities:</p> <ul style="list-style-type: none"> • DustTraks collected particulate data each day and data has been downloaded for analysis. • Five post-excavation base samples were collected. Two post-excavation base samples were taken in the additional excavation north of Area A (EB-124 and EB-125) and three post-excavation base samples were taken in Area L (EB-126 EB-127 and EB-128). These samples will be analyzed for constituents listed in the RAWP for post-excavation. • Three post-excavation wall samples were collected in the additional excavation north of Area A (EW-31, EW-32 and EW-33). These samples will be analyzed for constituents listed in the RAWP for post-excavation. • A sample of the wastewater effluent was collected on July 18, 2012 and provided to Environmental Monitoring & Technologies, Inc. (EMT) to verify compliance with the Metropolitan Water Reclamation District's (MWRD) discharge requirements. • Three SUMMA canisters were deployed on 7/18/12 and sent to TestAmerica Laboratory for BTEX and naphthalene analysis.
NRT Field Personnel	Kyle Bareither, Tim Norris, PG , Joseph Ridgway, PE
Equipment Deployed:	SUMMA Canisters DustTraks PIDs Multi-gas meter
Field Photos	See attached sheets

Additional site activities:

Water is being pumped from the open excavations as needed. Water is sent through the Water Treatment System and discharged into the City of Chicago sewer for discharge into the MWRD system.

Work planned for the coming week, July 22, 2012 through July 28, 2012, is as follows:

- Provide oversight for the continuing excavation of Area L, Area S and the remaining section of Area AA.
- Take additional floor samples in Areas L, AA, and S as they become available.
- Conduct Full Scale Air monitoring consisting of one 12-hour SUMMA can sampling event per week. The days of the 12-hour sampling will be determined to coincide with excavation activities.
- Receive and review post-excavation confirmation, post-amendment, and air sampling data from TestAmerica.

A weekly field progress report will continued to be issued throughout the duration of field activities for this Time Critical Removal Action. A written report summarizing the results and findings of the Removal Action will be provided following completion of all field activities.

A summary of the construction activities as detailed by the Construction Manager have been included with this report as Attachment 1.

Please feel free to contact us if you have any questions.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.



Timothy B. Norris, PG
Geologist

Attachment 1: Burns and McDonnell Construction Management Report

Field Photos:



Photo 1: Compaction testing being performed in Area K.

Direction: Facing southwest.

Photo Date: 7/16/2012

Photo Taken By: KJB



Photo 2: Thatcher cutting off the permanent sheet pile to the desired elevation.

Direction: Facing southwest.

Photo Date: 7/16/2012

Photo Taken By: KJB



Photo 3: Completed additional excavation north of Area A.

Direction: Facing northwest.

Photo Date: 7/17/2012

Photo Taken By: KJB

Field Photos (continued):



Photo 4: Active excavation in Area L.

Direction: Facing northwest.

Photo Date: 7/18/2012

Photo Taken By: KJB



Photo 5: Technica loading out trucks from Area L.

Direction: Facing east.

Photo Date: 7/19/2012

Photo Taken By: KJB



1431 Opus Place, Suite 400
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Week of: 7/15/12 to 7/21/12

**Subject: Site Remediation – Construction Management
Peoples Gas – Former Crawford Station**

Burns & McDonnell Personnel Onsite

Site Construction Manager

- Bal Berena

Site Remediation Supervisor

- Bernard Gill

Construction Manager

- Dave D'Armond

Others

- Chad Hawthorn
- Eduardo Gasca

Integrys Peoples Gas Personnel Onsite

- None

Subcontractors Onsite

- Tecnica Environmental Services
- Interra
- Thatcher

Others

- Natural Resource Technology (NRT)
- Waste Management (Dave Weber) and Vito Pesoli (MT)

Miscellaneous Visitors

- Rick Owens (Thatcher)
- Eloy Madrigal (Interra)
- Gary Klein (TES)

Site Activities

BURNS & MCDONNELL

- Managed site activities with Tecnica Environmental Services, Thatcher, and Interra;
- Escorted Interra personnel during their site visit;
- Pumped and discharged 92,935 gallons of treated excavation water to MWRD;
- Issued truck tracking forms for all excavated soils from Areas A, M, N and L;
- Tracked 543 loads (10,273.70 tons) for Direct soils disposal at Laraway Landfill;
- Received 697 loads of CA-6 (12,044.71 tons) for backfill in areas A, H, HA, I, K and J, 1 load of wood chips 80 cubic yards;
- Participated in daily subcontractor pre-task analysis safety meetings on site;
- Conducted periodic health and safety air monitoring in excavation area with no significant PID readings from the site activities;

- Held the weekly site construction meeting with Supervisors of Subcontractors, Waste Management; and
- Monitored site conditions for traffic, dust, odors, and overall safety.

TECNICA ENVIRONMENTAL SERVICES

- Excavated and loaded out soils from areas A, L, M, and N;
- Controlled odors through foaming (18.5 drums used) and wood chips;
- Actively suppressed dust on site through watering and haul road maintenance;
- Operated and maintained truck scale;
- Assisted BMcD in water treatment system operation and maintenance;
- Continuously monitored site fencing, silt fence, and erosion control materials;
- Assisted NRT collecting samples in area L;
- Performed routine maintenance on decon pad, tracking pad, and haul roads;
- Continued breaking concrete generated from areas M and L; and
- Excavated and backfilled both sides of Chicago Sanitary Sewer simultaneously as required by OUC.

THATCHER

- Cut off all of the sheeting wall a minimum of 2 inches below ground surface (bgs).

INTERRA

- Performed compaction tests on CA-6 during backfill of areas A, AA, H, HA, G, I, south of R.

Changes to Scope of Work

- Continued support for PGL pipe integrity excavation currently on hold.

Open/Outstanding Items

- Due to odor complaint from property to west of site, a misting system will be implemented along the top of the west property fence. Additional odor suppression activities were increased for odor control.

Anticipated Activities for the Week of July 22, 2012

- Continue backfilling areas A, I, H, HA, J, K, and AA;
- Excavate and load out in areas AA, L, M and N; and
- Install and operate misting system.



Crawford Station Site:

Remediation

Date: July 16, 2012

Description: View from Area AA looking west, Thatcher cut main sheeting wall a minimum of 2 inches below ground surface (bgs).



Crawford Station Site:

Remediation

Date: July 16, 2012

Description: Tecnica continued backfilling and compacting CA-6 over the south half of the sewer. View from Area S looking north.



Crawford Station Site:

Remediation

Date: July 13, 2012

Description: View from southeast, Tecnica controlled odors during loading activities through foaming and wood chips.



Crawford Station Site:

Remediation

Date: July 16, 2012

Description: Looking north at excavation in area north of Area A. Coal tar seeping from north and west walls is being removed.